**Index of Claims** 



Application/Control No.

09/945,340

Examiner

Arun S. Phasge

Applicant(s)/Patent under Reexamination

KYRLIDIS ET AL.

Art Unit

1753

Rejected Allowed

(Through numeral) Cancelled

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Objected

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|       | 2  | L        |      |              |             |  |  |  |                |               |                |  |
|       | 3  | Γ        |      |              |             |  |  | l  |                |               |                |  |
|       | 4  | Г        |      |              |             |  |  |  |                |               |                |  |
|       | 5  | t        | 7    | <b>∤</b>     |             |  | -  | _  | $\vdash$       | _             |                |  |
|       | 6  | ۲        | _    | ╁╌           | 1           | -  | -  | <del>                                     </del> | ┪              | -             |                |  |
|       | 7  | H        |      |              | -           | <u> </u>   | $\vdash$   | -  | _              |               | H              |  |
|       |  | ╀        | _    |              | ⊢           | }—   | ├-   | ⊢  | <del> </del>   | -             | $\vdash$       |  |
|       | 8  | L        |      | L            | L.          | <u> </u>   |  | L_   | <u> </u>       | _             |                |  |
|       | 9  | L        | _    | 乚            | L           | L  | _  | <u> </u>   |                |               |                |  |
|       | 10   |          |      |              |             |  |  |  |                |               |                |  |
|       | 11   | 1        | J    |              |             |  |  |  |                | Γ             |                |  |
|       | 12   | Ĺ        |      |              |             | T  |  |  |                |               |                |  |
|       | 13   | t        | _    | $\vdash$     | Н           | $\vdash$   | <del>                                     </del> | _  | _              | $\vdash$      | $\vdash$       |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | +        | _    | $\vdash$     | $\vdash$    | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | -             | $\vdash$       |  |
|       | 14   | 1        | +    | $\vdash$     | $\vdash$    | $\vdash$   | $\vdash$   | $\vdash$   | <del>  -</del> | ├—            | -              |  |
|       | 15   | ٢        | ۷,   | <u> </u>     | <u> </u>    | <u> </u>   |  | _  | <u> </u>       | <u> </u>      | <u> </u>       |  |
|       | 16   | L        | _    | <u></u>      | _           | 匚  | <u></u>  | <u></u>  | <u> </u>       |               |                |  |
|       | 17   | Ľ        | L    | L            | L           | L  | L  | L  | L              | L             |                |  |
|       | 18   | Γ        | Г    | П            |             |  |  |  |                |               |                |  |
|       | 19   | T        | Г    |              |             | _  | Г  |  | Т              |               |                |  |
|       | 19<br>20<br>21<br>22<br>23                   | H        | ⊢    | $\vdash$     | -           | ╁  | H  | H  | ┢              | ┝             |                |  |
|       | 21   | Н        | -    | -            | $\vdash$    | ⊢  | $\vdash$   | ⊢  | $\vdash$       | -             | Н              |  |
|       | 21   | Н        | _    | _            |             | ├—   |  | _  | <u> </u>       | $\vdash$      | Н              |  |
|       | 22   | Ц        |      | _            | _           | ļ  | <u> </u>   |  |                |               | Ш              |  |
|       | 23   | Ц        |      |              |             | 匚  |  |  |                |               |                |  |
|       | 24<br>25<br>26                               | П        |      |              |             | l  |  |  |                | -             |                |  |
|       | 25   | П        |      |              |             |  |  |  |                |               |                |  |
|       | 26   | Ħ        |      |              |             |  |  |  | _              | _             |                |  |
| -     | 27   | H        | _    | ┢            | -           | $\vdash$   |  | <del> </del>                                     | ┢              | <del> </del>  | H              |  |
|       | 27<br>28<br>29                               | Н        |      | ┢            | ⊢           | $\vdash$   | <del>                                     </del> |  | ⊢              | $\vdash$      | Н              |  |
|       | 20   | H        |      | _            | <u> </u>    | <u> </u>   | _  |  | <u> </u>       | <u> </u>      | Н              |  |
|       | 29   | Ц        |      | _            | _           | <u> </u>   |  |  | <u> </u>       | <u> </u>      | Ш              |  |
|       | 30   | Ц        |      |              | <u> </u>    | _  |  |  |                | L             |                |  |
|       | 30<br>31<br>32                               | U        | _    | L            | L           |  |  |  |                | L             |                |  |
|       | 32   | ı        |      |              |             | _  |  |  |                |               | П              |  |
|       | 33   | Ħ        | _    |              | T           | $\vdash$   |  |  |                | H             | m              |  |
|       | 34   | H        | _    | $\vdash$     | $\vdash$    | <del>                                     </del>   | ┢  | $\vdash$   | $\vdash$       | $\vdash$      | $\vdash$       |  |
|       | 35   | H        |      | $\vdash$     | <del></del> | ├-   | ├-   | $\vdash$   | $\vdash$       | $\vdash$      | Н              |  |
|       | 22   | H        | _    | H            |             | <del> </del>   | $\vdash$   | $\vdash$   | <u> </u>       | <u> </u>      | Щ              |  |
|       | 36   | Ц        |      | $\vdash$     | <u> </u>    | ┞  | <u> </u>   |  | <u> </u>       | <u> </u>      | $\square$      |  |
|       | 37   | Ц        |      |              | L.          | 匚  |  |  |                | L_            | Ш              |  |
|       | 38   | Ц        |      |              |             |  | _  |  |                |               |                |  |
|       | 39   | П        | П    |              |             |  |  |  |                |               |                |  |
|       | 40   | П        |      | П            |             |  | Г  | П  | $\overline{}$  | $\overline{}$ | П              |  |
|       | 41   | Н        |      | $\vdash$     |             | <del>  -</del>   | Ι  | $\vdash$   |                | -             | Н              |  |
|       | 42   | Н        | -    | -            |             | -  | Η-   | H  | -              | -             | $\vdash\dashv$ |  |
|       | 42   | Н        | _    | $\vdash$     |             | ⊢-   | <u> </u>   | <del> </del>                                     |                | <u> </u>      | Н              |  |
|       | 43   | Ц        |      | Ш            |             | L.   | H  |  | L.,            | _             |                |  |
|       | 44   | Ц        | Ц    | $oxed{oxed}$ |             | $ldsymbol{ld}}}}}}$ | L  |  |                |               |                |  |
|       | 45   |          |      | L.T          |             |  |  |  |                |               |                |  |
|       | 46   | Γ        | 1    |              |             |  |  |  |                |               |                |  |
|       | 47   | Т        | T    | _            |             |  |  |  |                |               | П              |  |
|       | 48   | ۲        | Ħ    |              | _           | $\vdash$   | $\vdash$   | _  |                | _             | $\vdash$       |  |
|       | 49   | ⊢        | ₩    | H            | -           | -  | H  |  |                | $\vdash$      | $\vdash$       |  |
| -     | 49   | $\vdash$ | IJ   | -            | _           | Ш  | Щ  | Ш  |                |               | dash           |  |
| 1     | 50   | \        | /    | 1            | Ì           |  |  |  | Ì              | 1             | . 1            |  |

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| Final    | Original                   | 2/5/07      |   |  |  |                |          |  |              |          |  |
| _        | 51                         |             | _ | ⊢  | ⊢  | ╁              | $\vdash$ | $\vdash$   | Н            | $\vdash$ |  |
|          | 51<br>52<br>53             | Y           | _ | ┝  | -  | ├              | -        | _  | ⊢            | ├        |  |
|          | 52                         | Ш           |   | _  | ╙  | Ь.             |          |  | _            |          |  |
|          | 53                         | Ш           |   |  |  | <u> </u>       | _        |  | L            |          |  |
|          | 54                         | Ш           |   |  |  | 1              |          |  |              |          |  |
|          | 54<br>55                   | П           |   | T  |  | П              |          |  |              |          |  |
|          | 56                         | Н           | _ | 1  |  | 1              |          |  |              | <u> </u> |  |
|          | 57                         | Н           |   | ┰  | <del>                                     </del> | ├              | $\vdash$ | $\vdash$   | ┝            | ┝        |  |
| _        | 58                         | Н           |   | ├-   | ⊢  | ⊢              |          | $\vdash$   | $\vdash$     |          |  |
|          | 50                         | $\vdash$    |   | ┝  | ├-   | ├—             | -        | <del> </del>                                     | ├            | ├        |  |
| <u> </u> | 59<br>60                   | Ш           |   | _  | _  | <b> </b> _     | _        | <u> </u>   | _            | _        |  |
| <u> </u> | 60                         | Ш           |   | _  |  | $oxed{oxed}$   |          | 匚  |              |          |  |
|          | 61                         | Ш           |   |  |  |                |          |  | '            |          |  |
| L        | 62                         | $oxdot \Pi$ |   | L  | L  | L              | $L^{-}$  |  | l            | l        |  |
|          | 63                         | П           |   |  |  | Γ              |          |  |              |          |  |
|          | 62<br>63<br>64             | Ш           |   | <u> </u>   |  |                |          |  |              | $\vdash$ |  |
|          | 65                         | Н           |   | -  |  |                | $\vdash$ | <del>                                     </del> | ┢            | $\vdash$ |  |
| <b>-</b> | 65<br>66                   | Н           |   | -  | $\vdash$   | $\vdash$       | $\vdash$ | -  | ├-           | _        |  |
| <b>—</b> | 67                         | Ш           |   | -  | -  | <del>  -</del> | $\vdash$ | -  | $\vdash$     | $\vdash$ |  |
|          | 67                         | ш           |   | <u> </u>   | -  |                | ⊢        | <u> </u>   | <u> </u>     | <u> </u> |  |
| <u> </u> | 68<br>69                   | ш           |   | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u> | <u> </u>   |              |          |  |
| <u> </u> | 69                         | Ш           |   | _  | ᆫ  | 匚              | _        |  |              |          |  |
| L        | 70                         |             | 1 |  | L.   |                |          |  |              |          |  |
|          | 71                         |             |   |  |  |                |          |  |              |          |  |
|          | 72                         |             |   |  |  | Г              |          |  |              |          |  |
|          | 70<br>71<br>72<br>73<br>74 |             | _ | _  | <del>                                     </del> |                |          |  |              |          |  |
| ·        | 74                         |             |   | $\vdash$   |  |                | _        | _  | _            | -        |  |
|          | 75                         | Н           |   | $\vdash$   | ┢  | _              | _        |  | $\vdash$     |          |  |
| <b>—</b> | 76                         | Ы           |   |  | H  |                | _        | _  | ┝            |          |  |
|          | 27                         |             |   | -  | ┢╌   | -              |          |  | $\vdash$     | -        |  |
| <b>—</b> | 70                         |             |   | -  | ├  |                |          |  | -            | _        |  |
|          | 78                         | $\simeq$    |   | ⊢  | <del> </del>                                     |                | _        |  | ⊢            |          |  |
|          | 79                         | 4           |   | _  | <u> </u>   |                |          | _  | _            |          |  |
|          | 80                         |             |   | _  | L  |                |          |  |              |          |  |
| L        | 81<br>82                   |             |   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}}$ |  |                |          |  |              |          |  |
|          | 82                         |             |   |  |  |                |          |  |              |          |  |
|          | 83                         |             |   |  |  |                |          |  |              |          |  |
|          | 84                         |             | _ | _  | Г  | Г              |          |  |              |          |  |
|          | 84<br>85                   |             |   |  | Т  | П              | _        |  |              |          |  |
|          | 86                         | $\vdash$    |   | $\vdash$   | $\vdash$   | -              | $\vdash$ | H  | Η-           | -        |  |
| <b>—</b> | 87                         | $\vdash$    | _ | $\vdash$   | ┢  | $\vdash$       | $\vdash$ | -  | <del>-</del> | -        |  |
| $\vdash$ | 88                         | $\vdash$    |   | -  | ┝  | $\vdash$       |          |  | _            |          |  |
| $\vdash$ | 89                         | $\vdash$    |   | $\vdash$   | ├-   | $\vdash$       |          | $\vdash$   | -            | -        |  |
| -        | 09                         | $\vdash$    |   | -  | ┝  | H              | _        |  |              |          |  |
|          | 90<br>91                   | ⊢⊢          | _ | ├—   | <del> </del>                                     | -              | _        | <u> </u>   | Ь—           |          |  |
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|          | 92                         | $\sqcup$    |   | $\vdash$   | -  | _              | _        |  | $\vdash$     |          |  |
|          | 93                         | -           | _ | ├  | <u> </u>   | L.,            | <u> </u> | L.,  | Щ            |          |  |
| <u> </u> | 94                         | $\sqcup$    |   | <u> </u>   |  | Щ              | <u> </u> | ļ  | Щ            |          |  |
| <u> </u> | 95                         | Щ           |   | ļ  | Щ  | Щ.             | _        |  | $oxed{oxed}$ |          |  |
| $\perp$  | 96                         |             |   | <u> </u>   | L_   | Ш              |          |  |              |          |  |
|          | 97                         |             |   | L  | L  | Ш              |          |  |              |          |  |
|          | 98                         |             |   |  |  |                |          |  |              |          |  |
|          | 99                         |             | _ |  |  |                |          |  |              |          |  |
|          | 100                        |             |   |  |  |                |          |  |              |          |  |
|          |                            | _           |   |  |  |                |          |  | _            |          |  |

| Claim       |            | Date                      |  |  |  |              |  |  |  |                 |  |
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| <u>a</u>    | Original   |                           |  |  |  |              |  |  | ]  | Ш               |  |
| Final       | rig        |                           |  |  |  |              |  |  |  |                 |  |
|             | 0          |                           |  |  |  |              |  |  |  |                 |  |
|             | 101        | H                         | H  | $\vdash$   | <del>                                     </del> | ┢            | $\vdash$   | ╁  | $\vdash$   | Н               |  |
|             | 102        | $\vdash$                  | ┢  | $\vdash$   | 1-   | ┢            | $\vdash$   | $\vdash$   | -  | Н               |  |
|             | 103        | <u> </u>                  |  |  | -  | ┢            | -  | $\vdash$   | -  | Н               |  |
|             | 104        |                           | $\vdash$   |  | ┢  | H            | ╁╌   | $\vdash$   | ┢  | Н               |  |
|             | 104<br>105 | $\vdash$                  | $\vdash$   |  |  | $\vdash$     | <u> </u>   |  | ┢╾   | Н               |  |
|             | 106        |                           | ╁  |  | -  | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | H               |  |
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|             | 109        |                           |  | $\vdash$   | H  | <u> </u>     | -  | ┢  | $\vdash$   | Н               |  |
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|             | 111        | $\vdash$                  | -  | $\vdash$   |  | $\vdash$     | ┢  | ┢  | <u> </u>   | Н               |  |
|             | 112        | $\vdash$                  | <del>  -</del>                                   | <del>                                     </del> |  | ┢            | $\vdash$   | <del>                                     </del> | $\vdash$   | H               |  |
|             | 112<br>113 | -                         | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н               |  |
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|             | 115        |                           | -  | $\vdash$   | -  | $\vdash$     | $\vdash$   | -  | ┝  | Н               |  |
|             | 116        | $\vdash$                  | $\vdash$   | <del>  -</del>                                   | -  | $\vdash$     | $\vdash$   | -  | <del>                                     </del> | $\vdash \vdash$ |  |
| <del></del> | 117        | $\vdash$                  | $\vdash$   | <del> </del>                                     | $\vdash$   |              | $\vdash$   | ├  | $\vdash$   | ${\mathbb H}$   |  |
|             | 110        | -                         | $\vdash$   | _  | $\vdash$   | $\vdash$     | $\vdash$   | ├  | -  | Н               |  |
|             | 118<br>119 | ⊢                         | $\vdash$   |  | ⊢  | _            | ⊢  | ├─   |  | Н               |  |
|             | 120        | ┝                         | $\vdash$   |  | ┝  | -            | _  | -  | _  | Н               |  |
|             | 121        | $\vdash$                  | -  | -  | -  | ┝            | -  | -  | -  | Н               |  |
|             | 121<br>122 | _                         | $\vdash$   | $\vdash$   | ┝  | ├            | ⊢  |  | _  | Н               |  |
|             | 123        |                           |  | $\vdash$   | ┝  | ⊢            | -  | -  | ⊢  | $\dashv$        |  |
|             | 123        | -                         |  |  |  | ⊢            | -  | -  | _  | Н               |  |
|             | 125        |                           |  | ┝  | -  | ┝            | H  | -  | $\vdash$   | Н               |  |
|             | 120        | _                         | _  | -  | <u> </u>   | <del> </del> | _  |  |  | H               |  |
|             | 126<br>127 | -                         | _  | _  | -  | _            |  | -  |  | Н               |  |
|             | 128        | -                         |  | ┝  | <u> </u>   | ┝            | -  | -  | <u> </u>   | Н               |  |
|             | 128        | _                         |  | <u> </u>   |  | ⊢            | <u> </u>   | ├-   |  | Н               |  |
|             | 129<br>130 | _                         |  | _  | -  | <u> </u>     | ┝  |  | ┝  | Н               |  |
|             | 130        |                           |  | <u> </u>   | _  | <u> </u>     | <u> </u>   | <u> </u>   |  | Ш               |  |
|             | 131        | <b> </b>                  |  | <u> </u>   | <u> </u>   | <u> </u>     | ├-   | $\vdash$   | $\vdash$   | Н               |  |
|             | 132<br>133 | <u> </u>                  | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>   | <del> </del>                                     | <u> </u>   | dash            |  |
|             | 133        | _                         | <u> </u>   | <u> </u>   | ļ  | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |  |
| <u> </u>    | 134        | <u> </u>                  | $\vdash$   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | $\vdash \vdash$ |  |
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|             | 137        | ļ                         | $\vdash$   | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>   |  | Щ               |  |
|             | 138        | <u> </u>                  | <u> </u>   | Ь.   | _  | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |  |
|             | 139        | <u> </u>                  | <u> </u>   | L  | <u> </u>   | <b> </b>     | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |  |
|             | 140        |                           | <u> </u>   | Щ.   | _  | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | Щ               |  |
|             | 141        | L                         | <u> </u>   | ļ  | <u> </u>   | <u> </u>     | ⊢  | <u> </u>   | <u> </u>   | Ш               |  |
|             | 142        |                           | <u> </u>   |  |  | $\vdash$     | _  | $oxed{oxed}$                                     | L.   | Щ               |  |
|             | 143        |                           |  |  | L.   |              | <u> </u>   | _  |  | Ш               |  |
|             | 144        | _                         | ldash  | L_   | L  | L_           |  | <u> </u>   | <u> </u>   | Щ               |  |
|             | 145        | $ldsymbol{ldsymbol{eta}}$ | L.,  | _  | <u> </u>   | $\vdash$     | <u> </u>   | $\vdash$   | <u> </u>   | Щ               |  |
|             | 146        | _                         | lacksquare                                       | <u> </u>   | _  | <u> </u>     | L  | <u> </u>   | $\vdash$   | Щ               |  |
|             | 147        |                           | L  | Ш  |  | L            | _  |  | L_   | Щ               |  |
|             | 148        | Щ.                        | L  | L.   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Щ.           | L  |  |  | Щ               |  |
|             | 149        | <u></u>                   | Ш  | Щ  | L  | <u> </u>     | <u> </u>   |  |  | Ш               |  |
|             | 150        |                           |  |  |  | L            |  |  |  |                 |  |